

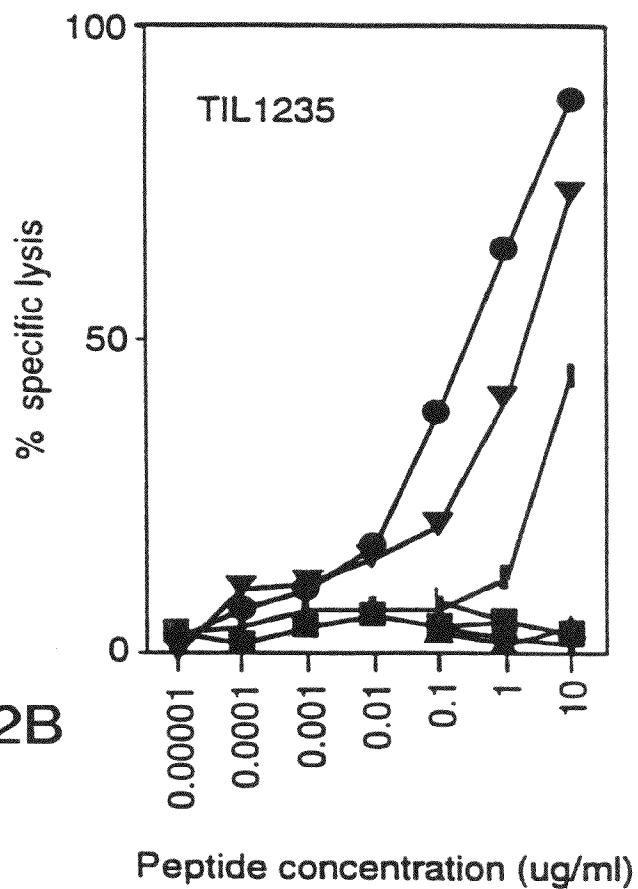
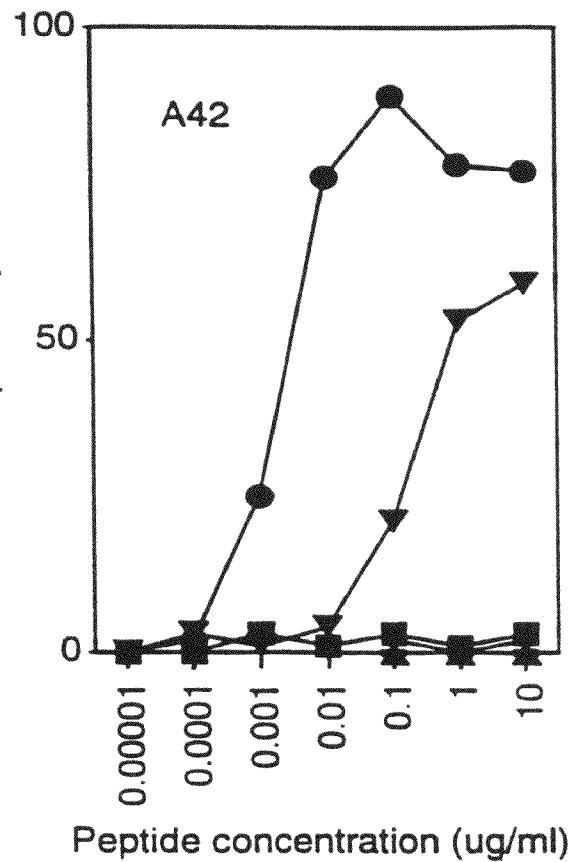
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| | | | |
|-----|------------------------------------|----------------------------------|-----|
| 1 | AGCAGACAGGAACTCTCATTAAGGAAGG | TGTCTGTGCCCTGACCCCTACAAGATGCCA | 59 |
| | | MetPro | 2 |
| 60 | AGAGAAGATGCTCACTTCATCTTAC | CCCAAGAGGGCACGGCCACTCTTACACC | 119 |
| 3 | ArgGluAspAlaHisPheIleTyrGlyTyr | ProLysLysGlyHisGlyHisSerTyrThr | 22 |
| 120 | ACGGCTGAAGAGGCCGCTGGGATCGGCATC | CTGACAGTGATCCTGGAGTCTTACTGCTC | 180 |
| 23 | ThrAlaGluGluAlaAlaGlyIleGlyIle | LeuThrValIleLeuGlyValLeuLeuLeu | 43 |
| 181 | ATCGGGCTGTTGGTATTGTAGAAGACGAAAT | GGATACAGAGGCCCTTGATGGATAAAAGTCTT | 239 |
| 44 | <u>IleGlyCysTrpTyrCysArgArgAsn</u> | GlyTyrArgAlaLeuMetAspLysSerLeu | 62 |
| 240 | CATGGTGGCACTCAATGTGCCTAACAAAGA | AGATGCCACACAAGAAGGGTTGATCATCGG | 300 |
| 63 | HisValGlyThrGlnCysAlaLeuThrArg | ArgCysProGlnGluGlyPheAspHisArg | 83 |
| 301 | GACAGCAAAGTGTCTCTCAAGAGAAAAAC | TGTGAACCTGTGGTCCAAATGCTCCACCT | 359 |
| 84 | AspSerLysValSerLeuGlnGluLysAsn | CysGluProValValProAsnAlaProPro | 102 |
| 360 | GCTTATGAGAAACTCTCTGCAGAACAGTCA | CCACCCACCTTATTCAACCTTAAGAGCCAGCG | 420 |
| 103 | AlaTyrGluLysLeuSerAlaGluGlnSer | ProProProTyrSerPro | 118 |
| 421 | AGACACACTGAGACATGCTGAATTATTCT | CTCACACATTGCTTGAATTAAACAGAC | 479 |

FIG. 1A

Fig. 1B



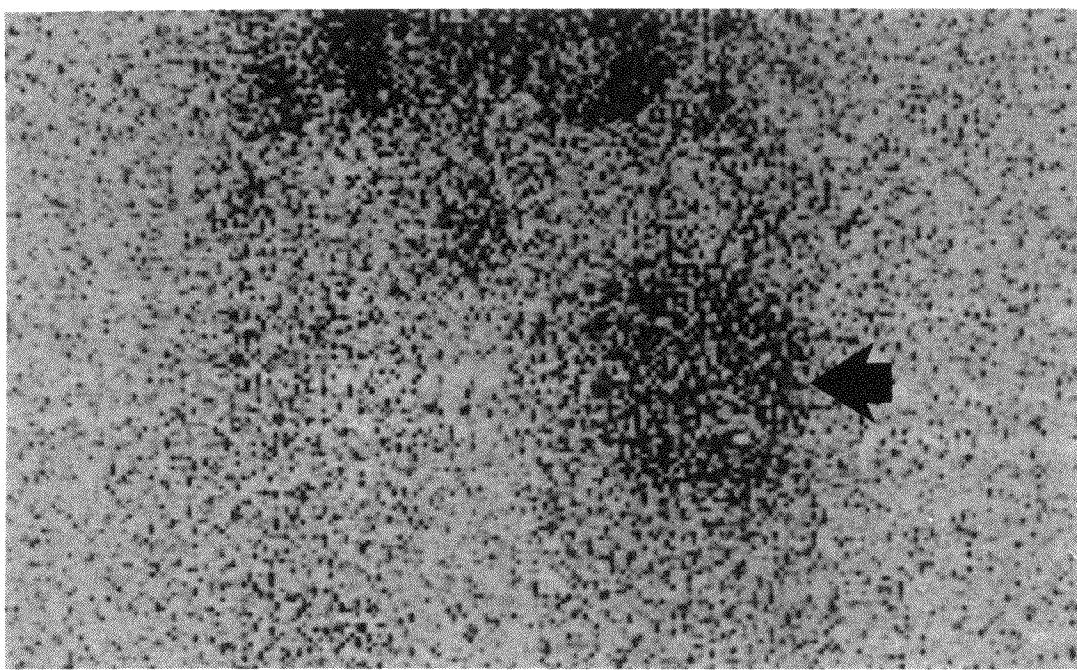


FIG. 3A

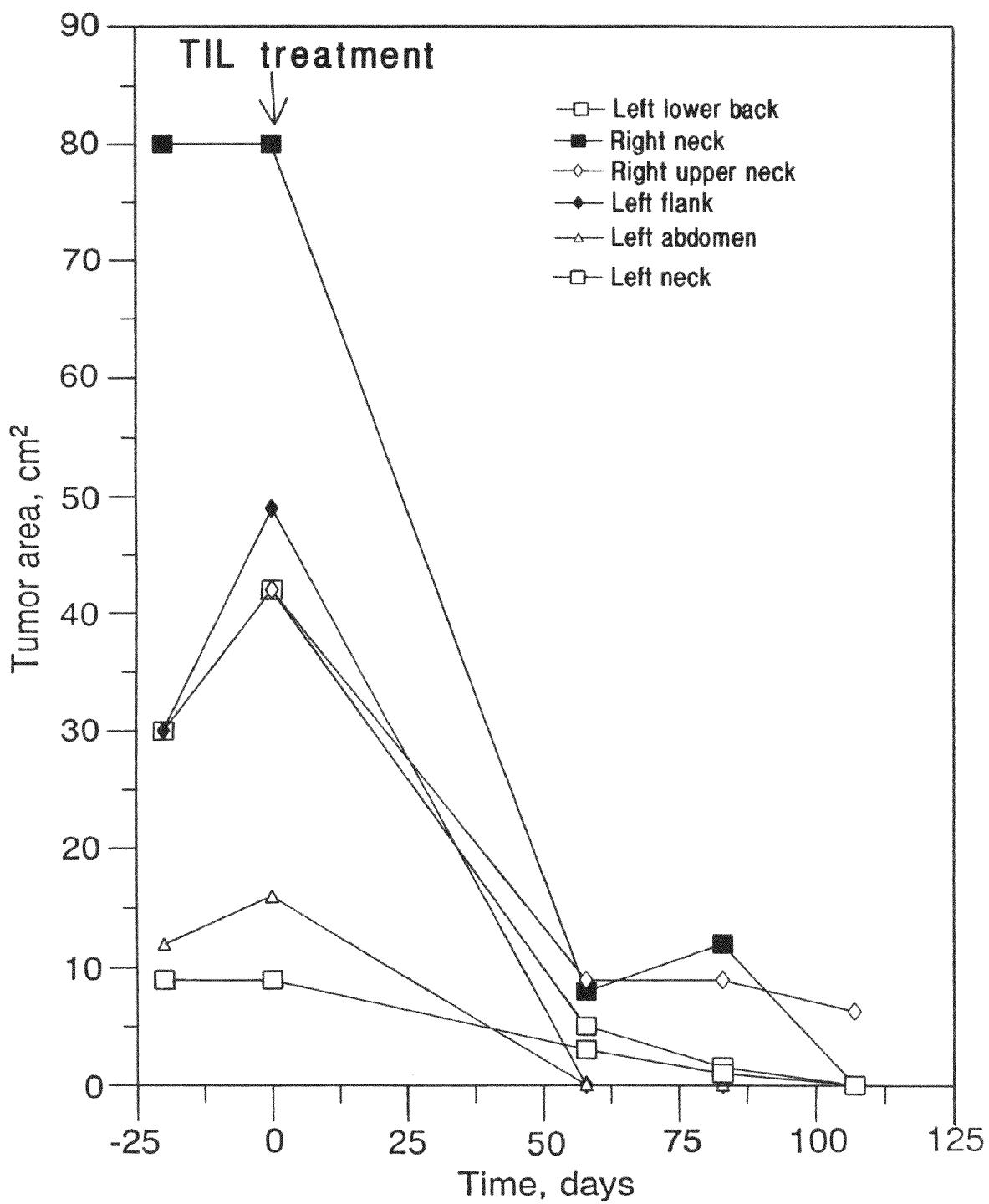


FIG. 3B

| | |
|--|------|
| GTGCGACGGCC ATTACCAATC GCGACCGGGGA AGAACACAAT | 40 |
| <u>GGATCTGGTG</u> CTAAAAAGAT GCCTTCTTCA TTTGGCTGTG | 80 |
| ATAGGTGCTT TGCTGGCTGT GGGGGCTACA AAAGTACCCA | 120 |
| GAAACCAGGA CTGGCTTGGT GTCTCAAGGC AACTCAGAAC | 160 |
| CAAAGCCTGG AACAGGCAGC TGTATCCAGA GTGGACAGAA | 200 |
| GCCCAGAGAC TTGACTGCTG GAGAGGTGGT CAAGTGTCCC | 240 |
| TCAAGGTCAAG TAATGATGGG CCTACACTGA TTGGTGCAAA | 280 |
| TGCCTCCTTC TCTATTGCCT TGAACTTCCC TGGAAAGCCAA | 320 |
| AAGGTATTGC CAGATGGGCA GGTTATCTGG GTCAACAATA | 360 |
| CCATCATCAA TGGGAGCCAG GTGTGGGGAG GACAGCCAGT | 400 |
| GTATCCCCAG GAAACTGACG ATGCCTGCAT CTTCCCTGAT | 440 |
| GGTGGACCTT GCCCATCTGG CTCTTGGTCT CAGAAGAGAA | 480 |
| GCTTTGTTA TGTCTGGAAG ACCTGGGGCC AATACTGGCA | 520 |
| ATTCTAGGG GCCCCAGTGT CTGGGCTGAG CATTGGGACA | 560 |
| GGCAGGGCAA TGCTGGGCAC ACACACCATG GAAGTGACTG | 600 |
| TCTACCATCG CCGGGGATCC CGGAGCTATG TGCCTCTTGC | 640 |
| TCATTCCAGC TCAGCCTTCA CCATTACTGA CCAGGTGCCT | 680 |
| TTCTCCGTGA GCGTGTCCCA GTTGCAGGCC TTGGATGGAG | 720 |
| GGAACAAGCA CTTCCTGAGA AATCAGCCTC TGACCTTG | 760 |
| CCTCCAGCTC CATGACCCCA GTGGCTATCT GGCTGAAGCT | 800 |
| GACCTCTCCT ACACCTGGGA CTTTGGAGAC AGTAGTGGAA | 840 |
| CCCTGATCTC TCGGGCACTT GTGGTCACTC ATACTTACCT | 880 |
| GGAGCCTGGC CCAGTCACTG CCCAGGTGGT CCTGCAGGCT | 920 |
| GCCATTCCCTC TCACCTCCTG TGGCTCCTCC CCAGTTCCAG | 960 |
| GCACCCACAGA TGGGCACAGG CCAACTGCAG AGGCCCCCTAA | 1000 |
| CACCAACAGCT GGCCAAGTGC CTACTACAGA AGTTGTGGGT | 1040 |
| ACTACACCTG GTCAGGCGCC AACTGCAGAG CCCTCTGGAA | 1080 |
| CCACATCTGT GCAGGTGCCA ACCACTGAAG TCATAAGCAC | 1120 |

FIG. 4A

| | |
|---|------|
| TGCACCTGTG CAGATGCCAA CTGCAGAGAG CACAGGTATG | 1160 |
| ACACCTGAGA AGGTGCCAGT TTCAGAGGTC ATGGGTACCA | 1200 |
| CACTGGCAGA GATGTCAACT CCAGAGGCTA CAGGTATGAC | 1240 |
| ACCTGCAGAG GTATCAATTG TGGTGCTTTC TGGAAACCACA | 1280 |
| GCTGCACAGG TAACAAC TAC AGAGTGGGTG GAGACCACAG | 1320 |
| CTAGAGAGCT ACCTATCCCT GAGCCTGAAG GTCCAGATGC | 1360 |
| CAGCTCAATC ATGTCTACGG AAAGTATTAC AGGTTCCCTG | 1400 |
| GGCCCCCTGC TGGATGGTAC AGCCACCTTA AGGCTGGTGA | 1440 |
| AGAGACAAGT CCCCCCTGGAT TGTGTTCTGT ATCGATATGG | 1480 |
| TTCCTTTCC GTCACCCTGG ACATTGTCCA GGGTATTGAA | 1520 |
| AGTGCCGAGA TCCTGCAGGC TGTGCCGTCC GGTGAGGGGG | 1560 |
| ATGCATTTGA GCTGACTGTG TCCTGCCAAG GCGGGCTGCC | 1600 |
| CAAGGAAGCC TGCATGGAGA TCTCATGCC AGGGTGCCAG | 1640 |
| CCCCCTGCC AGCGGCTGTG CCAGCCTGTG CTACCCAGCC | 1680 |
| CAGCCTGCCA GCTGGTTCTG CACCAGATAAC TGAAGGGTGG | 1720 |
| CTCGGGGACA TACTGCCTCA ATGTGTCTCT GGCTGATACC | 1760 |
| AACAGCCTGG CAGTGGTCAG CACCCAGCTT ATCATGCCTG | 1800 |
| GTCAAGAACGC AGGCCTTGGG CAGGTTCCGC TGATCGTGGG | 1840 |
| CATCTTGCTG GTGTTGATGG CTGTGGTCCT TGCATCTCTG | 1880 |
| ATATATAGGC GCAGACTTAT GAAGCAAGAC TTCTCCGTAC | 1920 |
| CCCAGTTGCC ACATAGCAGC AGTCACTGGC TGCCTCTACC | 1960 |
| CCGCATCTTC TGCTCTTGTG CCATTGGTGA GAACAGCCCC | 2000 |
| CTCCTCAGTG GGCAGCAGGT CTGAGTACTC TCATAT <u>GATG</u> | 2040 |
| CTGTGATTTT CCTGGAGTTG ACAGAAACAC CTATATTTCC | 2080 |
| CCCAGTCTTC CCTGGGAGAC TACTATTAAC TGAAATAAAT | 2120 |
| ACTCAGAGCC TGAAAAAAAAA TAAAAAAAAA AAAAAAAAAA | 2160 |
| AAAAAAAAAA AA | 2172 |

FIG. 4B

1 MDLVLKRCLL HLAVIGALLA VGATKVPRNQ DWLGVS RQLR TKA WNRQLYP
 51 EWTEAQRLDC WRGGQVSLKV SNDGPTLIGA NASFSIALNF PGSQKVLPDG
 101 QVIWVNNTII NGSQVWGGQP VYPQETDDAC IFPDGGPCPS GSWSQKRSFV
 151 YVWKTWGQYW QFLGGPVSGL SIGTGRAMLG THTMEVTVYH RRGSRSYVPL
 201 AHSSSAFTIT DQVPFSVSVS QLRALDGGNK HFLRNQPLTF ALQLHDPSGY
 251 LAEADLSYTW DFGDSSGTLI SRALVVTHTY LEPGPVTAQV VLQAAIPLTS
 301 CGSSPVPGTT DGHRPTAEAP NTTAGQVPTT EVVGTTPGQA PTAEPSGTTS
 351 VQVPTTEVIS TAPVQMPTAE STGMTPEKVP VSEVMGTTLA EMSTPEATGM
 401 TPAEVSIVVL SGTTAAQVTT TEWVETTARE LPIPEPEGPD ASSIMSTESI
 451 TGSLGPLLDG TATLRLVKRQ VPLDCVLYRY GSFSVTLDIV QGIESAEILQ
 501 AVPSGEGDAF ELTVSCQGGL PKEACMEISS PGCQPPAQRL CQPVLPSPAC
 551 QLVLHQILKG GSGTYCLNVS LADTNSLAVV STQLIMPGQE AGLGQVPLIV
 601 GILLVLMAVV LASLIYRRRL MKQDFSVPQL PHSSSHWLRL PRIFCSCP
 651 ENSPLLSGQQ V

FIG. 5A

| | |
|----------|---|
| Pmel17 | M-----V-----Q-----P-----VPGILLT-----LLSGQQV |
| ME20 | M-----V-----Q-----L----- |
| gp100 | M-----V-----Q-----L----- |
| cDNA25FL | M-----F-----Q-----L----- |
| cDNA25TR | Q-----L----- PPQWAAGLSTLI |
| | 1 162 236 274 588 649 |

FIG. 5B

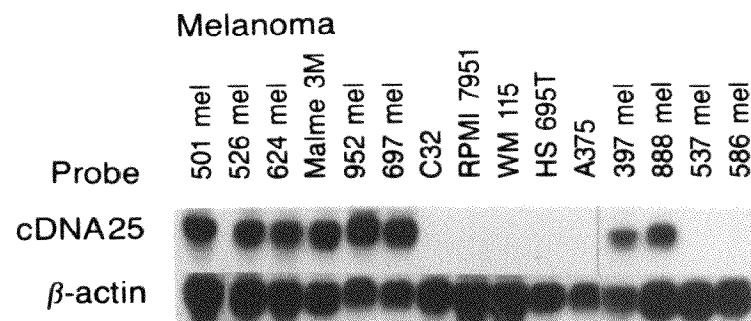


FIG. 6A

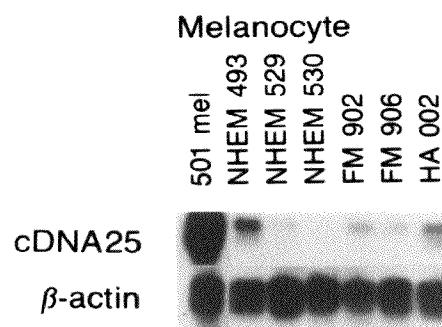


FIG. 6B

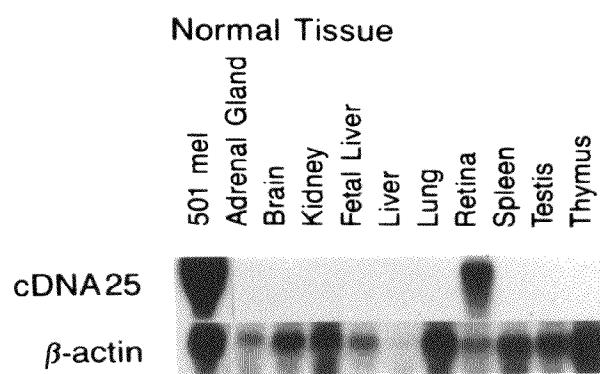


FIG. 6C